

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E81174

Participation : CTR

Employer : The Boeing Company

Status : Affected

Worksite : The Boeing Company - Bellevue

Survey Type : Online

Street : 2810 160th Ave Se

Response Rate : 71%

Jurisdiction : City of Bellevue

Survey Date : 5/1/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 29.3%

Drive Alone Rate : 70.7%

One-Way VMT per employee : 16.0

Average One-Way distance home to work : 21.9

Employees and Survey Response Information

Reported Total Employees at Worksite: 1,599

Surveys Distributed : 1,232

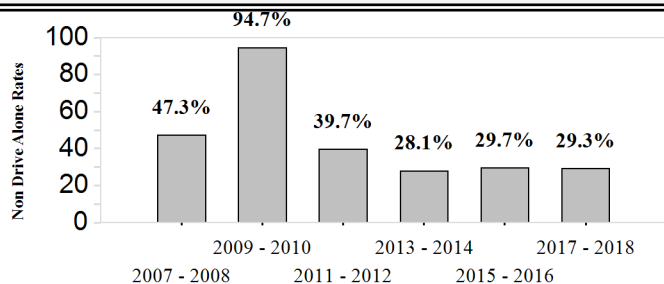
Surveys Returned : 870

Surveys Returned by CTR Affected* Employees : 825

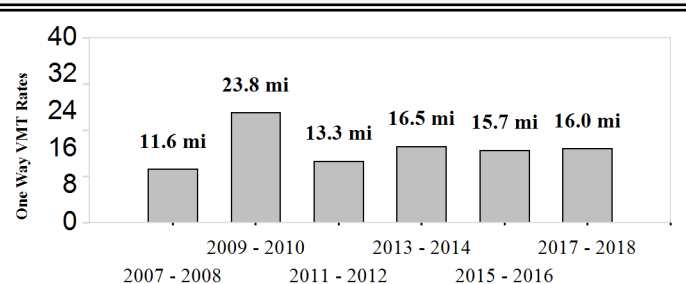
Total Estimated CTR Affected Employees at Worksite : 1,168

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

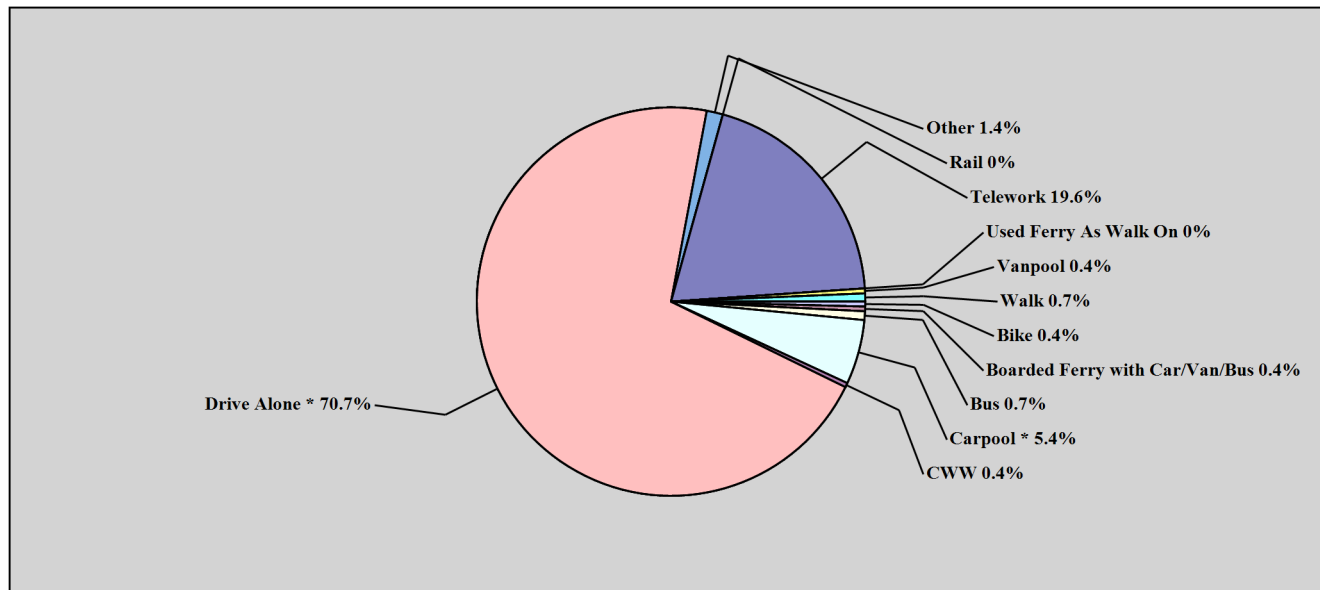
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	47.3%	47.7%	4053	6996	38.6	11.6	11.2
2009 - 2010	48.9%	48.9%	4109	7949	43.8	11.4	11.4
2009 - 2010	45.8%	47.1%	3626	6695	36.9	12.4	12.0
2011 - 2012	39.7%	40.8%	1994	9824	54.2	13.3	12.9
2013 - 2014	28.1%	29.1%	3691	10087	55.6	16.5	16.3
2015 - 2016	29.7%	30.8%	3499	6190	34.1	15.7	15.3
2017 - 2018	29.3%	29.7%	2949	5420	29.9	16.0	15.6
Target	55.0%				Target:	N/A	
% Point Change Target:	7.7				% Change Target:	N/A	
% Point Change from Baseline:	-18.0				% Change from Baseline:	37.9%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



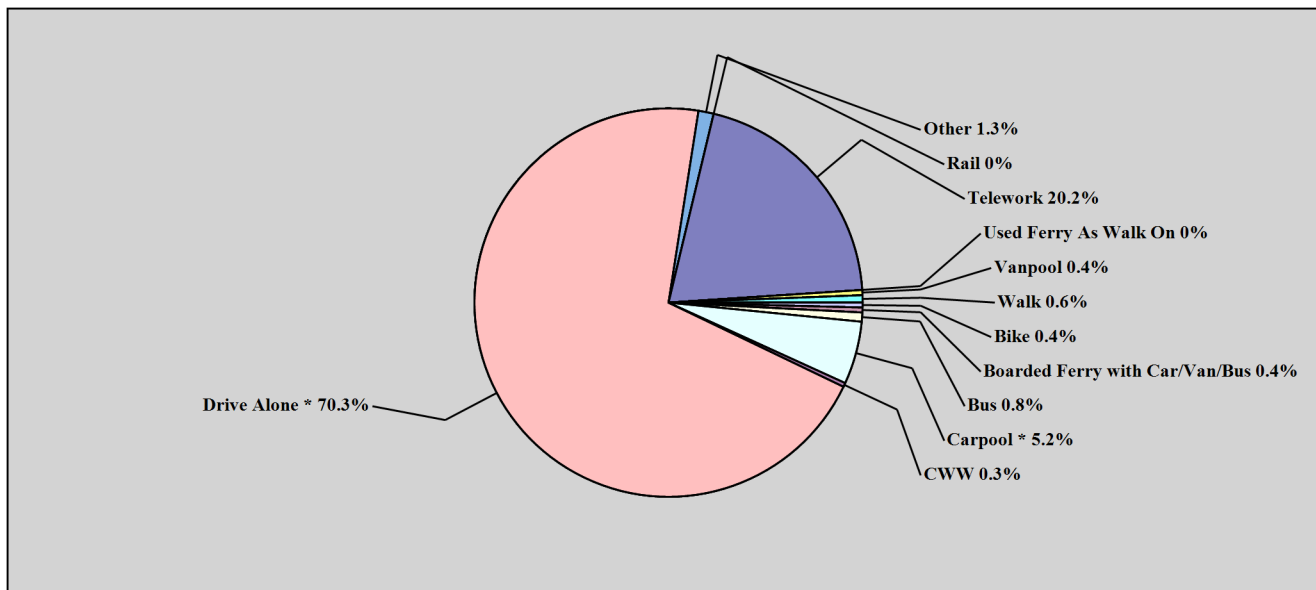
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,933	70.7%	70.3%	781	89.8%	90.3%
Carpool *	223	5.4%	4.7%	72	8.3%	8.2%
Vanpool	17	0.4%	0.9%	5	0.6%	1.3%
Bus	30	0.7%	0.8%	10	1.1%	1.1%
Rail	0	0.0%	0.0%	0	0.0%	0.1%
Bike	17	0.4%	0.4%	6	0.7%	1.1%
Walk	28	0.7%	0.5%	11	1.3%	0.9%
Telework	814	19.6%	20.7%	433	49.8%	54.3%
CWW	15	0.4%	0.3%	13	1.5%	1.3%
Boarded Ferry with Car/Van/Bus	16	0.4%	0.4%	6	0.7%	0.5%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	56	1.4%	0.9%	22	2.5%	2.1%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,772	70.3%	69.1%	739	89.6%	89.8%
Carpool *	206	5.2%	4.8%	66	8.0%	8.3%
Vanpool	17	0.4%	1.0%	5	0.6%	1.4%
Bus	30	0.8%	0.8%	10	1.2%	1.2%
Rail	0	0.0%	0.0%	0	0.0%	0.1%
Bike	16	0.4%	0.5%	5	0.6%	1.2%
Walk	24	0.6%	0.6%	10	1.2%	1.0%
Telework	797	20.2%	21.6%	421	51.0%	56.2%
CWW	13	0.3%	0.2%	11	1.3%	1.0%
Boarded Ferry with Car/Van/Bus	16	0.4%	0.4%	6	0.7%	0.6%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	50	1.3%	0.9%	19	2.3%	2.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	365	42%	870	100%
1 Days	125	14%	505	58%
2 Days	240	28%	380	44%
3 Days	36	4%	140	16%
4 Days	31	4%	104	12%
5 Days	65	7%	73	8%
6 or More Days	8	1%	8	1%

Count by Occupancy of Carpools and Vanpools

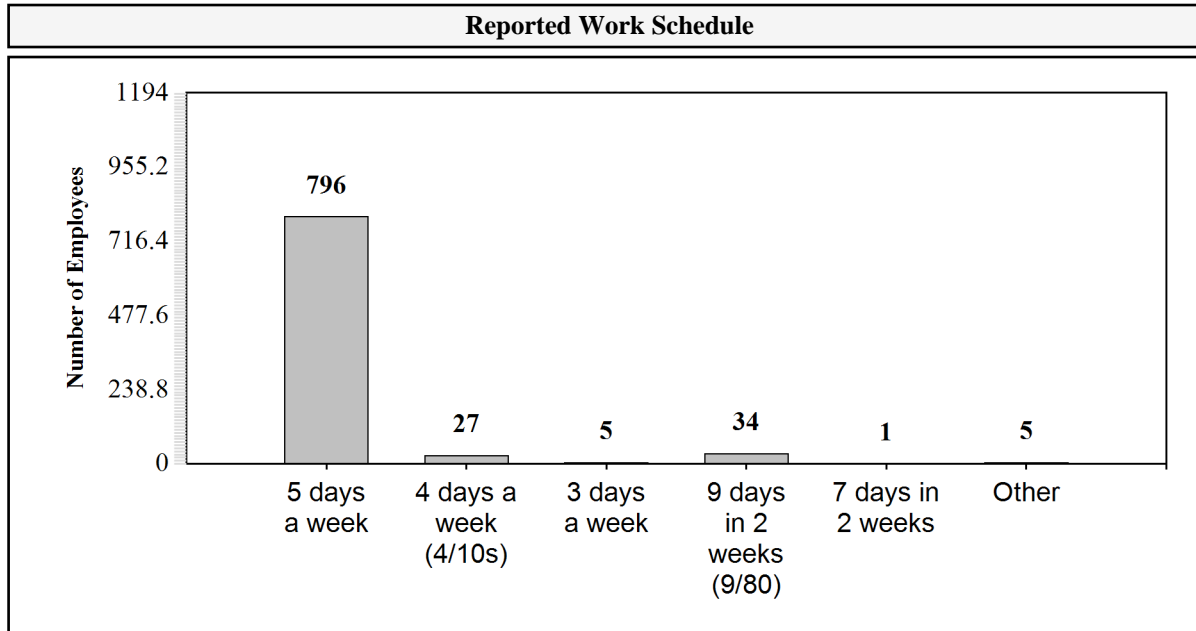
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	209
3	Carpool	14
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	8
5	Vanpool	3
6	Vanpool	6
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

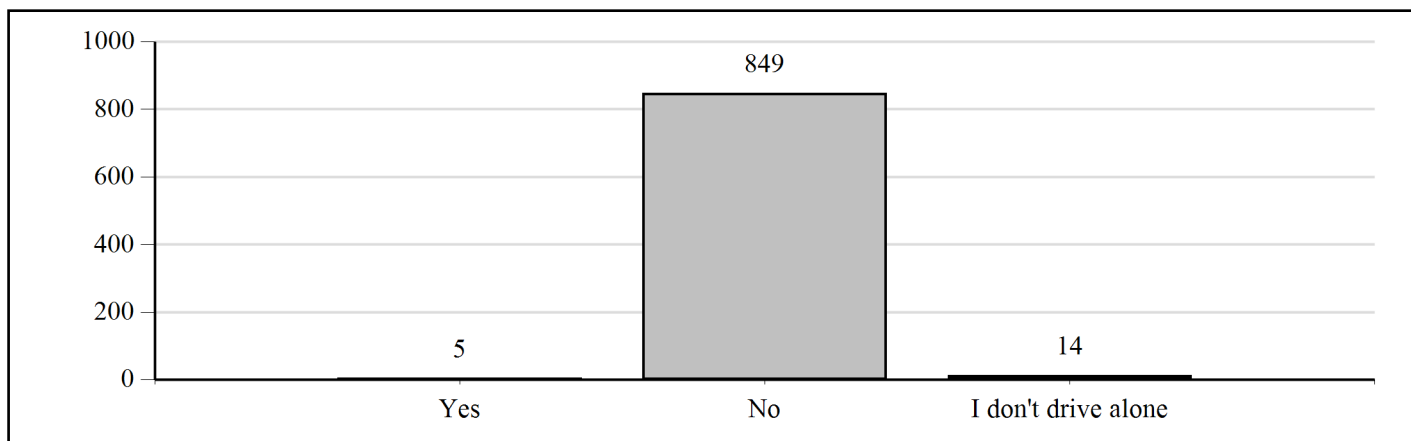
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	796	91.7%
4 days a week (4/10s)	27	3.1%
3 days a week	5	0.6%
9 days in 2 weeks (9/80)	34	3.9%
7 days in 2 weeks	1	0.1%
Other	5	0.6%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	3	0.3%
I don't telework	94	10.8%
Occasionally, on an as-needed basis	198	22.8%
1-2 days/month	37	4.3%
1 day/week	153	17.6%
2 days/week	356	40.9%
3 days/week	29	3.3%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	471	28.6%
Personal health or well-being	192	11.7%
To save time using the HOV lane	189	11.5%
To save money	179	10.9%
Other	144	8.7%
Environmental and community benefits	133	8.1%
Cost of parking or lack of parking	84	5.1%
Free or subsidized bus, train, vanpool pass or fare benefit	76	4.6%
Financial incentives for carpooling, bicycling or walking.	66	4.0%
Driving myself is not an option	44	2.7%
Emergency ride home is provided	36	2.2%
Preferred/reserved carpool/vanpool parking is provided	21	1.3%
I receive a financial incentive for giving up my parking space	13	0.8%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	651	30.5%
I like the convenience of having my car	531	24.8%
Family care or similar obligations	305	14.3%
Other	247	11.6%
My commute distance is too short	141	6.6%
Bicycling or walking isn't safe	111	5.2%
I need more information on alternative modes	69	3.2%
My job requires me to use my car for work	56	2.6%
There isn't any secure or covered bicycle parking	26	1.2%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98042	43	4.94%	127	8	0	1	5	0	0	0	56	1	0	0	5
98006	35	4.02%	120	10	0	0	0	0	5	4	22	0	0	0	4
98058	35	4.02%	130	3	0	0	0	0	0	0	37	0	0	0	3
98059	34	3.91%	107	4	0	3	0	0	2	0	37	0	0	0	1
98038	33	3.79%	114	14	0	3	0	0	0	1	26	0	0	0	2
98031	26	2.99%	96	1	0	0	0	0	0	0	14	0	0	0	9
98027	23	2.64%	83	0	0	0	0	0	0	0	32	0	0	0	0
98029	21	2.41%	82	5	0	0	2	0	0	0	14	0	0	0	0
98092	21	2.41%	72	3	0	0	0	0	0	0	26	0	0	0	0
98052	20	2.30%	80	0	0	0	1	0	0	0	13	1	0	0	0
98008	19	2.18%	58	3	0	0	2	0	1	15	7	0	0	0	0
98391	17	1.95%	39	9	0	0	0	0	0	0	24	0	0	0	0
98056	15	1.72%	51	6	0	0	0	0	4	0	11	0	0	0	0
98007	14	1.61%	49	0	0	0	0	0	0	0	14	0	0	0	0
98021	14	1.61%	41	7	0	0	0	0	0	0	10	0	0	0	5
98023	12	1.38%	41	6	0	0	0	0	0	0	11	2	0	0	1
98033	12	1.38%	39	3	0	0	0	0	0	0	18	0	0	0	0
98045	12	1.38%	54	0	0	0	0	0	0	0	7	0	0	0	0
98122	12	1.38%	33	1	0	0	8	0	3	0	13	0	0	0	0
98055	11	1.26%	39	5	0	0	0	0	0	0	8	0	0	0	2
98208	11	1.26%	33	4	4	4	0	0	0	0	4	0	0	0	0
98296	11	1.26%	34	3	0	0	0	0	2	0	14	1	0	0	0
98003	10	1.15%	39	0	0	0	0	0	0	0	9	0	0	0	0
98004	10	1.15%	43	0	0	0	0	0	0	0	4	0	0	0	0
98012	10	1.15%	35	0	0	0	0	0	0	0	13	0	0	0	0
98075	10	1.15%	44	0	0	0	0	0	0	0	6	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98272	10	1.15%	27	3	0	0	0	0	0	0	20	2	0	0	0
98034	9	1.03%	38	0	0	1	0	0	0	0	2	1	0	0	2
98074	9	1.03%	32	5	0	0	0	0	0	0	6	0	0	0	0
98077	9	1.03%	33	0	0	0	0	0	0	2	8	0	0	0	0
98030	8	0.92%	28	3	0	0	0	0	0	0	7	0	0	0	0
98155	8	0.92%	33	2	0	0	0	0	0	0	5	0	0	0	0
98010	7	0.80%	27	1	0	0	0	0	0	0	6	0	0	0	0
98032	7	0.80%	31	0	0	0	0	0	0	0	3	0	0	0	0
98065	7	0.80%	31	0	0	0	1	0	0	0	3	0	0	0	0
98126	7	0.80%	31	0	0	0	0	0	0	0	2	0	0	0	0
98002	6	0.69%	8	11	0	0	0	0	0	0	9	0	0	0	0
98005	6	0.69%	25	0	0	0	0	0	0	0	4	0	0	0	0
98011	6	0.69%	18	5	0	0	0	0	0	0	4	0	0	0	0
98028	6	0.69%	20	3	0	0	0	0	0	0	6	0	0	0	0
98037	6	0.69%	19	4	0	0	0	0	0	0	9	0	0	0	0
98053	6	0.69%	22	6	0	0	0	0	0	0	2	0	0	0	0
98115	6	0.69%	20	0	0	0	0	0	0	4	10	2	0	0	0
98116	6	0.69%	26	0	0	0	0	0	0	0	4	0	0	0	0
98125	6	0.69%	18	0	0	3	4	0	0	0	5	0	0	0	0
98178	6	0.69%	24	0	0	0	0	0	0	0	6	0	0	0	0
98198	6	0.69%	16	4	0	0	0	0	0	0	5	0	0	0	7
98275	6	0.69%	22	0	0	0	0	0	0	0	6	0	0	0	0
98321	6	0.69%	19	0	0	0	0	0	0	0	6	0	0	0	0
98374	6	0.69%	16	0	3	0	0	0	0	0	10	1	0	0	0
98422	6	0.69%	13	3	0	0	0	0	0	0	11	1	0	0	0
98001	5	0.57%	16	0	0	0	0	0	0	0	5	0	0	0	0
98014	5	0.57%	10	10	0	0	0	0	0	0	4	0	0	0	0
98024	5	0.57%	16	0	0	0	0	0	0	0	3	0	0	0	0
98026	5	0.57%	14	1	0	0	0	0	0	0	10	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98036	5	0.57%	18	5	0	0	0	0	0	0	2	0	0	0	0
98072	5	0.57%	21	0	0	0	0	0	0	0	3	1	0	0	0
98087	5	0.57%	9	14	0	0	0	0	0	0	1	0	0	0	0
98166	5	0.57%	22	0	0	0	0	0	0	0	0	1	0	0	2
98168	5	0.57%	15	0	0	0	0	0	0	0	9	0	0	0	0
98203	5	0.57%	11	5	0	0	0	0	0	0	3	0	0	0	1
98270	5	0.57%	16	0	4	0	0	0	0	0	5	0	0	0	0
98372	5	0.57%	15	0	0	0	0	0	0	0	5	0	0	0	0
98040	4	0.46%	18	0	0	0	0	0	0	0	0	0	0	0	0
98103	4	0.46%	12	0	0	0	0	0	0	0	8	0	0	0	0
98108	4	0.46%	13	0	0	0	0	0	0	0	6	0	0	0	0
98119	4	0.46%	10	0	0	0	0	0	0	0	10	0	0	0	0
98133	4	0.46%	11	0	0	0	3	0	0	2	0	0	0	0	0
98199	4	0.46%	17	0	0	0	0	0	0	0	2	0	0	0	0
98290	4	0.46%	2	8	0	0	0	0	0	0	2	0	0	0	0
98019	3	0.34%	8	5	0	0	0	0	0	0	2	0	0	0	0
98022	3	0.34%	11	0	0	0	0	0	0	0	3	0	0	0	0
98057	3	0.34%	11	0	0	0	0	0	0	0	2	0	0	0	0
98070	3	0.34%	0	0	0	3	0	0	0	0	5	0	4	0	0
98104	3	0.34%	11	2	0	0	0	0	0	0	2	0	0	0	1
98106	3	0.34%	10	0	0	0	0	0	0	0	4	0	0	0	1
98117	3	0.34%	12	0	0	0	0	0	0	0	4	0	0	0	0
98258	3	0.34%	6	3	0	0	0	0	0	0	6	0	0	0	0
98373	3	0.34%	7	0	4	0	0	0	0	0	3	0	0	0	0
98445	3	0.34%	2	6	0	0	0	0	0	0	5	0	0	0	0
	2	0.23%	3	0	0	0	0	0	0	0	4	0	0	0	0
98020	2	0.23%	8	0	0	0	0	0	0	0	2	0	0	0	0
98043	2	0.23%	8	0	0	0	0	0	0	0	1	0	0	0	0
98051	2	0.23%	9	0	0	0	0	0	0	0	1	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98102	2	0.23%	9	0	0	0	0	0	0	0	1	0	0	0	0
98105	2	0.23%	5	0	0	0	4	0	0	0	1	0	0	0	0
98107	2	0.23%	7	0	0	0	0	0	0	0	3	0	0	0	0
98110	2	0.23%	0	0	0	0	0	0	0	0	4	0	6	0	0
98118	2	0.23%	6	0	0	0	0	0	0	0	2	0	0	0	0
98121	2	0.23%	6	0	0	0	0	0	0	0	4	0	0	0	0
98146	2	0.23%	6	0	0	0	0	0	0	0	4	0	0	0	0
98177	2	0.23%	6	0	0	0	0	0	0	0	3	0	0	0	0
98188	2	0.23%	5	4	0	0	0	0	0	0	1	0	0	0	0
98204	2	0.23%	8	0	0	0	0	0	0	0	0	0	0	0	0
98249	2	0.23%	4	0	0	0	0	0	0	0	2	0	0	0	0
98292	2	0.23%	8	0	0	0	0	0	0	0	2	0	0	0	0
98338	2	0.23%	6	0	0	0	0	0	0	0	0	0	0	0	2
98366	2	0.23%	3	0	0	0	0	0	0	0	6	0	1	0	0
98367	2	0.23%	9	0	0	0	0	0	0	0	1	0	0	0	0
98368	2	0.23%	4	0	0	0	0	0	0	0	1	0	5	0	0
98375	2	0.23%	6	0	2	0	0	0	0	0	0	0	0	0	0
98390	2	0.23%	10	0	0	0	0	0	0	0	0	0	0	0	0
98406	2	0.23%	7	0	0	0	0	0	0	0	3	0	0	0	0
98407	2	0.23%	9	0	0	0	0	0	0	0	1	0	0	0	0
98498	2	0.23%	11	0	0	0	0	0	0	0	0	0	0	0	0
98922	2	0.23%	1	6	0	0	0	0	0	0	5	0	0	0	1
11111	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
59915	1	0.11%	4	0	0	0	0	0	0	0	1	0	0	0	1
98025	1	0.11%	1	0	0	0	0	0	0	0	4	0	0	0	0
98047	1	0.11%	3	0	0	0	0	0	0	0	2	0	0	0	0
98050	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98082	1	0.11%	1	3	0	0	0	0	0	0	1	0	0	0	0
98109	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98112	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98136	1	0.11%	4	0	0	0	0	0	0	0	1	0	0	0	0
98144	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98148	1	0.11%	4	0	0	0	0	0	0	0	0	0	0	0	0
98201	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98221	1	0.11%	3	0	0	0	0	0	0	0	1	0	0	0	0
98223	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98252	1	0.11%	3	0	0	0	0	0	0	0	2	0	0	0	0
98273	1	0.11%	4	0	0	0	0	0	0	0	0	0	0	0	0
98291	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98294	1	0.11%	3	0	0	0	0	0	0	0	0	0	0	0	0
98335	1	0.11%	3	0	0	0	0	0	0	0	3	0	0	0	0
98340	1	0.11%	0	0	0	3	0	0	0	0	2	0	0	0	0
98371	1	0.11%	4	0	0	0	0	0	0	0	1	0	0	0	0
98387	1	0.11%	3	0	0	0	0	0	0	0	0	0	0	0	0
98394	1	0.11%	3	0	0	0	0	0	0	0	2	0	0	0	0
98395	1	0.11%	4	0	0	0	0	0	0	0	1	0	0	0	0
98396	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98405	1	0.11%	3	0	0	0	0	0	0	0	2	0	0	0	0
98409	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98446	1	0.11%	3	0	0	0	0	0	0	0	2	0	0	0	0
98467	1	0.11%	3	0	0	0	0	0	0	0	2	0	0	0	0
98499	1	0.11%	4	0	0	0	0	0	0	0	1	0	0	0	0
98501	1	0.11%	0	3	0	0	0	0	0	0	2	0	0	0	0
98503	1	0.11%	0	3	0	0	0	0	0	0	0	0	0	0	0
98532	1	0.11%	0	0	0	0	0	0	0	0	5	0	0	0	0
98589	1	0.11%	3	0	0	0	0	0	0	0	2	0	0	0	0
98908	1	0.11%	3	0	0	0	0	0	0	0	2	0	0	0	0
99016	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0



Weekly Count of Trips By Mode															
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
99176	1	0.11%	0	0	0	0	0	0	0	0	0	1	0	0	6
99362	1	0.11%	3	0	0	0	0	0	0	0	0	0	0	0	0